

[LC 0413]

APRIL 2013

Sub. Code:3004

FELLOWSHIP IN ULTRASOUND (OBGYN)- DEGREE EXAMINATION

FIRST YEAR

PAPER – IV OBSTETRICS ULTRASOUND – PART I

Q.P. Code: 233004

Time: 3 hours

Maximum: 100 marks

I. Essay:

(2X20=40)

1. Write in detail about 11-14 weeks ultrasound.
2. Describe evaluation of cervix during an obstetric scan and describe cervical incompetence.

II. Write short notes on:

(10X6=60)

1. Three vessel view of heart.
2. Identification of macrosomia.
3. Complications specific to monochorionic twins.
4. Dating of pregnancy by biometry.
5. Cephalic index.
6. Identification of intrauterine gestational sac.
7. Identification of cervical incompetence.
8. Differential diagnosis of pain abdomen in early pregnancy.
9. Ultrasound appearance of the fissures and sulci of fetal brain.
10. Diagnosis of fetal gender.

[LE 0414]

APRIL 2014

Sub. Code: 3004

FELLOWSHIP IN ULTRASOUND (OBGYN)

FIRST YEAR

PAPER IV – OBSTETRICS ULTRASOUND – PART I

Q.P. Code : 233004

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail the imaging of fetal cardiovascular system.
2. Write an essay on screening for Downs syndrome during pregnancy.

II. Write Short Notes on:

(10 x 6 = 60)

1. Fetal growth charts.
2. Vanishing twin.
3. Fetal Crown Rump length.
4. Criteria for diagnosing an abnormal intrauterine pregnancy in the early gestation.
5. Imaging of fetal face.
6. Transcerebellar plane of fetal head.
7. Non biometric markers of gestational age assessment in late pregnancy.
8. Differential diagnosis of bleeding per vaginum during early pregnancy.
9. Yolk sac.
10. Fetal weight estimation.

[LF 0414]

OCTOBER 2014

Sub. Code: 3004

FELLOWSHIP IN ULTRASOUND (OBGYN)

FIRST YEAR

(Candidate admitted 2013-2014)

PAPER IV – OBSTETRICS ULTRASOUND – PART I

Q.P. Code : 233004

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about the scanning planes of fetal cranium.
2. Write in detail about the placenta and its abnormalities.

II. Write Short Notes on:

(10 x 6 = 60)

1. Liquor amnii.
2. Cervical incompetence.
3. Imaging of fetal spine.
4. Exomphalos.
5. Ultrasound in gestational diabetes.
6. Heterotrophic pregnancy.
7. Nuchal translucency.
8. Corpus luteum of pregnancy.
9. Three vessel view of Heart.
10. Fetal kidneys.

[LG 0415]

APRIL 2015

Sub. Code: 3004

FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS

FIRST YEAR

(Candidates admitted 2013-2014)

PAPER IV – OBSTETRIC ULTRASOUND

Q.P. Code: 233004

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss early pregnancy loss.
2. Write an essay on genetic markers in obstetric ultrasound.

II. Write notes on:

(10 x 6 = 60)

1. First Trimester Bleeding.
2. Chorionicity.
3. Four Chamber view of Heart.
4. Nasal Bone.
5. Amniotic Fluid Index.
6. Umbilical Cord Abnormalities.
7. Ectopic Pregnancy.
8. Corpus Callosum.
9. Spina Bifida.
10. Fetal Bladder.

[LH 0413]

OCTOBER 2015

Sub. Code: 3004

FELLOWSHIP IN ULTRASOUND (OBGYN) - DEGREE EXAMINATION

FIRST YEAR

(Candidates admitted 2012-2013 onwards)

PAPER IV – OBSTETRICS ULTRASOUND – PART I

Q.P. Code: 233004

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about placental imaging, and about placental abnormalities as seen by ultrasound.
2. Role of fetal Doppler in Diagnosis and monitoring of Fetal growth Restriction.

II. Write notes on:

(10 x 6 = 60)

1. Cleft Lip and Palate.
2. Asymmetric Growth Restriction.
3. Imaging of Fetal corpus Callosum.
4. Low PAPP A levels.
5. Unossified Nasal Bone.
6. Cervical Pregnancy.
7. Monochorionic Monoamniotic twins.
8. Single umbilical Artery.
9. Fetal lower urinary obstruction.
10. Hypoplastic left Heart.

[LI 0416]

APRIL 2016

Sub. Code:3004

**FELLOWSHIP IN ULTRASOUND (OBGYN) - DEGREE EXAMINATION
FIRST YEAR
PAPER IV – OBSTETRICS ULTRASOUND – PART I**

Q.P. Code: 233004

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Diagnostic criteria for Intra Uterine Growth Restriction and various types of IUGR based on Growth Charts and how to investigate various types of IUGR.
2. Diagnosis of Open Neural Tube Defects in I and II trimester.

II. Write notes on:

(10 x 6 = 60)

1. Talipes Deformity.
2. Quadruple test.
3. Imaging of Fetal Kidneys.
4. Amniotic Fluid Index.
5. Conjoint Twins.
6. Adherent Placenta.
7. Cystic Hygroma.
8. Cervical incompetence.
9. Omphalocele.
10. Fetal Macrosomia.

[LJ 1016]

OCTOBER 2016

Sub. Code:3004

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER IV – OBSTETRICS ULTRASOUND – PART I**

Q.P. Code: 233004

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write about embryology of central nervous system and discuss in detail USG imaging of open neural tube defects antenatally.
2. Write in about amniotic fluid volume regulation. Discuss about the USG assessment of oligohydromnios and polyhydromnios, and imaging of their etiologies.

II. Write notes on:

(10 x 6 = 60)

1. Amniotic band syndrome.
2. Choroid plexus cysts.
3. Congenital diaphragmatic hernia.
4. Asymmetric intrauterine growth restriction.
5. Fetal megacystis.
6. Double bubble sign.
7. Absent nasal bone.
8. Monochorionic diamniotic twins.
9. Cervical incompetence.
10. Basic views in fetal echocardiogram.

[LK 0517]

MAY 2017

Sub. Code:3004

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER IV – OBSTETRICS ULTRASOUND – PART I**

Q.P. Code: 233004

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List the common anomalies that can be diagnosed in first trimester and write a brief note on them.
2. What are the various Down Syndrome Screening tests and their detection rates?

II. Write notes on:

(10 x 6 = 60)

1. Hyper echogenic fetal kidneys.
2. Role of USG in multiple gestations.
3. USG findings in agenesis of corpus callosum.
4. Intra cranial lucency.
5. USG features in upper GUT obstruction.
6. Causes of persistently absent fetal stomach.
7. Umbilical cord cysts.
8. Significance of low PAPP levels.
9. Mega cisterna magna.
10. USG findings in cervical incompetence.

[LL 1017]

OCTOBER 2017

Sub. Code:3004

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER IV – OBSTETRICS ULTRASOUND – PART I**

Q.P. Code: 233004

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Growth disorders in detail.
2. Biometric ratios and its significance.

II. Write notes on:

(10 x 6 = 60)

1. Evaluation of amnion and yolk sac.
2. Abdominal circumference and its significance.
3. Development of respiratory system.
4. Bowel pattern at various gestation.
5. Cervix imaging and its significance.
6. Ectopic gestation.
7. Nuchal translucency.
8. First trimester biochemistry screening and its significance.
9. Twin to twin transfusion syndrome.
10. Imaging of posterior cranial fossa and its significance.

[LN 1018]

OCTOBER 2018

Sub. Code:3004

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER IV – OBSTETRICS ULTRASOUND – PART I**

Q.P. Code: 233004

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Ultrasound evaluation foetal neural axis in second trimester and write on midline anomalies.
2. Ultrasound in assessment of Foetal growth disorders.

II. Write notes on:

(10 x 6 = 60)

1. Echogenic small bowel.
2. Cervical incompetence and imaging.
3. Twin to twin transfusion syndrome.
4. Sacrococcygeal teratoma.
5. Fetal arrhythmias.
6. Oligohydramnios – causes and diagnosis
7. Nuchal translucency scan.
8. Umbilical cord cysts.
9. Placenta accreta.
10. Ectopic gestation.
